Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Wednesday 04 Oct 2023 until 23:59 on Thursday 05 Oct 2023

Forecast Issued on Tuesday 03 Oct 2023 at 15:58

Confidence: High for largely fine conditions through Wednesday becoming medium on Thursday due to uncertainties in the timing of a band of rain and its subsequent clearance on Friday.

Headline for Wednesday 04 Oct 2023: Mainly dry with sunny spells. Breezy at height

Mountain weather hazards on Wednesday 04 Oct 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Partly cloudy (night)	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
20%	20%	20%	20%	10%	<05%	<05%	<05%

Forecast for Wednesday 04 Oct 2023

Weather: Clear or sunny spells and, mainly across the west, a few showers around. The showers largely dying out in the afternoon. Cloud increasing towards midnight.

Chance of cloud-free hill tops above 600m: Around 90%

Low cloud and visibility: Occasional cloud may lower to around 600m at times in or near showers. Otherwise visibility looks very good with just slight reductions in showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Wednesday 04 Oct 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/24 SW	23/32 SW	22/30 SW	22/30 SW	25/34 SW	25/35 SW	25/34 SW	24/33 SW	21/30 SW
300	13/21 SW	15/25 SW	15/24 SW	16/23 SW	19/28 SW	19/29 SW	17/26 SW	17/26 SW	15/24 SW
Valley	6/17 SW	9/23 SW	8/22 SW	9/20 SW	14/27 SW	14/29 W	11/25 SW	10/24 SW	9/21 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/4	8/3	7/3	8/4	10/6	11/7	10/6	9/5	9/5
300	10/8	10/6	10/7	11/8	13/9	14/10	12/9	11/8	11/9
Valley	10/9	10/8	10/8	11/9	14/11	14/12	13/11	12/10	12/10
Freezing Level*	1900m	1700m	1700m	1800m	1900m	2000m	2100m	2100m	2100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts close to 45mph over peaks especially in the afternoon. Max temperatures in east near 17 Celsius.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 03 Oct 2023	1mm	1mm	1mm

Forecast for Thursday 05 Oct 2023

Weather: Some clear or sunny spells in the east but generally rather cloudy with a little rain at times. More persistent rain, especially in the west, is expected during the late afternoon and evening.

Maximum wind: Southwesterly 15-20mph, increasing 25mph in the evening.

Chance of cloud-free hill tops above 600m: Around 40% in west but nearer 75% in east falling close to zero through the evening.

Low cloud and visibility: Occasional or, mainly in west, periods of cloud above 600m becoming more persistent through the evening with patches below 450m developing in west.

Temperature: **Valleys:** Around plus 10 Celsius rising plus 16 or 17 Celsius
At 600m: Around plus 10 Celsius
Freezing level: Above the summits.

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